

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-3. (Cancelled)

4. (Currently Amended) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via an Internet;

storing the transmitted corresponding parameter values for performing a frequency prognosis; and

influencing a coding of the transmission using the transmitted corresponding parameter values.

5. (Cancelled)

6. (Previously Presented) The method as recited in claim 4 wherein the transmission is a broadcast transmission.

7. (Currently Amended) The method as recited in claim 4 ~~further comprising wherein the step of~~ storing the transmitted corresponding parameter values ~~is performed by~~ storing the transmitted corresponding parameter values in a data base for performing a ~~the~~ frequency prognosis.

8. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via the Internet; and

determining alternative transmit frequencies using the transmitted corresponding parameter values.

9. (Cancelled)

10. (Previously Presented) The method as recited in claim 8 wherein the transmission is a broadcast transmission.

11. (Previously Presented) The method as recited in claim 8 further comprising storing the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

12. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

    providing a feedback channel to an AM transmitter for digital signals received in a target area; and

    using the feedback channel to provide a high reception quality and coverage reliability by preselecting a stronger coding or modulation for the target area.

13. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

    providing a feedback channel to an AM transmitter for digital signals received in a target area; and

    using the feedback channel to provide a high reception quality and coverage reliability by using alternative transmitting frequencies for a transmission of a program in conjunction with an automatic switchover.

14. (Currently Amended) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

    disposing at least one receiver station in or adjacent to a target area;

    evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

    transmitting the corresponding parameter values to a broadcast transmitter having modulation stages, the transmitting being performed automatically via an Internet; and

influencing the number quantity of the modulation stages employed using the transmitted corresponding parameter values.